

Yorkshire Dales National Park

Forecast valid from 06:00 on Friday 01 Jan 2021 until 23:59 on Saturday 02 Jan 2021

Forecast Issued on Friday 01 Jan 2021 at 01:46

Confidence: High confidence for a settled but cold period of weather over the next few days as high pressure builds over northern UK for a few days. Lower confidence for precipitation details.

Headline for Friday 01 Jan 2021: Wintry showers gradually becoming less frequent. Cold.

Mountain weather hazards on Friday 01 Jan 2021

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

No Likelihood

Heavy Snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Light snow showers (night)	Light snow showers	Light snow showers	Light snow showers	Light snow showers	Partly cloudy (night)
Precipitation probability					
70%	60%	60%	40%	20%	10%

Forecast for Friday 01 Jan 2021

Weather: Scattered wintry showers, with sleet or snow above 500m, this morning with the showers most frequent across eastern areas. This afternoon the showers will gradually ease, leaving a largely clear evening with a widespread frost.

Chance of cloud free mountain/hill tops above 600m: At first 40% with widespread cloud around 400m shrouding the tops. Remaining 40% across eastern and northern areas, while improving 60% elsewhere as cloud gradually lifts and breaks. This evening becoming 80% across the Yorkshire Dales, with only small patches of cloud remaining above 600m.

Visibility: Moderate or good at first, but falling moderate or poor with the showers and very poor with hill fog, gradually improving very good later today.

Forecast for Friday 01 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 N	15/22 N	14/20 N	14/21 N	10/17 N	8/16 N	7/13 N
300	9/19 NW	10/21 N	9/19 N	9/21 N	9/19 N	8/18 N	7/14 N
Valley	10/23 N	8/20 N	10/21 N	11/24 N	7/18 N	5/15 N	3/9 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	0/-6	-0/-6	-0/-6	-0/-6	-1/-6	-2/-6	-2/-6
300	2/-2	2/-3	2/-2	2/-2	1/-4	-1/-5	-2/-6
Valley	3/-1	2/-1	4/0	3/-1	1/-2	0/-3	-3/-5
Freezing Level*	600m	600m	600m	600m	500m	200m	100m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Feeling cold throughout with a significant chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Fri 01 Jan 2021	1.4mm	1.6mm	4mm

Forecast for Saturday 02 Jan 2021

Weather: Largely dry and clear overnight. During the day mainly dry with sunny morning, but then increasing cloud in the afternoon across eastern areas, which brings the chance of a few showers. Through the evening areas of cloud arriving from the east, and scattered showers, are more likely to arrive. Any showers will fall as sleet or snow above 300m. There will be a significant windchill effect.

Maximum wind: North or northwest becoming north or northeast 10-15mph, gusts to 30 mph.

Chance of cloud free mountain/hill tops above 600m: 90% chance of cloud free tops until the afternoon. Decreasing 60% across northern and eastern areas in the afternoon, and 30% in the evening, as areas of cloud 500m arrive. Elsewhere decreasing 40% in the evening.

Visibility: Very good in general, decreasing temporarily poor with the wintry showers, and very poor with hill fog.

Temperature: **Valleys:** Minus 3 rising to plus 1 Celsius.

At 600m: Minus 3 Celsius

Freezing level: Around 300m.